

What is claimed is:

1. A radiographing apparatus for mammography, comprising:
 - a radiographing main body including:
 - a radiation source to emit radiation;
 - a breast table on which a beast to be radiographed is placed, the breast table located opposite to the radiation source, and
 - a first detector supporting rack to support a detector to receive radiation having passed through the breast when the beast is radiographed as an absorption contrast image,
 - a supporting stand to support the radiographing main body at an upper position so as to provide a space at a lower position; and
 - a detector supporting member shiftably provided in the space at the lower position of the supporting stand and having a second detector supporting rack to support a detector when the beast is radiographed as a phase contrast image.
2. The radiographing apparatus of claim 1, wherein the supporting stand supports the radiographing main body in such

a way that the radiographing main body is movable upwardly or downwardly.

3. The radiographing apparatus of claim 1, wherein the detector supporting member is detachably attached to the radiographing main body.

4. The radiographing apparatus of claim 1, wherein the detector supporting member is shiftably placed at the lower position of the supporting stand.

5. The radiographing apparatus of claim 1, wherein the second is hinged so as to rotate between a horizontal attitude and a vertical attitude.

6. The radiographing apparatus of claim 1, wherein the detector supporting member further has a third detector supporting rack provided below the second supporting rack.

7. The radiographing apparatus of claim 1, wherein the detector supporting member is provided with a handle.

8. The radiographing apparatus of claim 1, wherein the detector supporting member has a weight of 30 Kg or less.

9. The radiographing apparatus of claim 1, wherein the detector supporting member is electrically connected with the radiographing main body.